

***IQ***<sup>®</sup>



STERILIZATION

HEALTHY

COMFORTABLE

INTELLIGENT

SAFE

EFFICIENCY

**INVERTER**  
**Q-MANDER** 

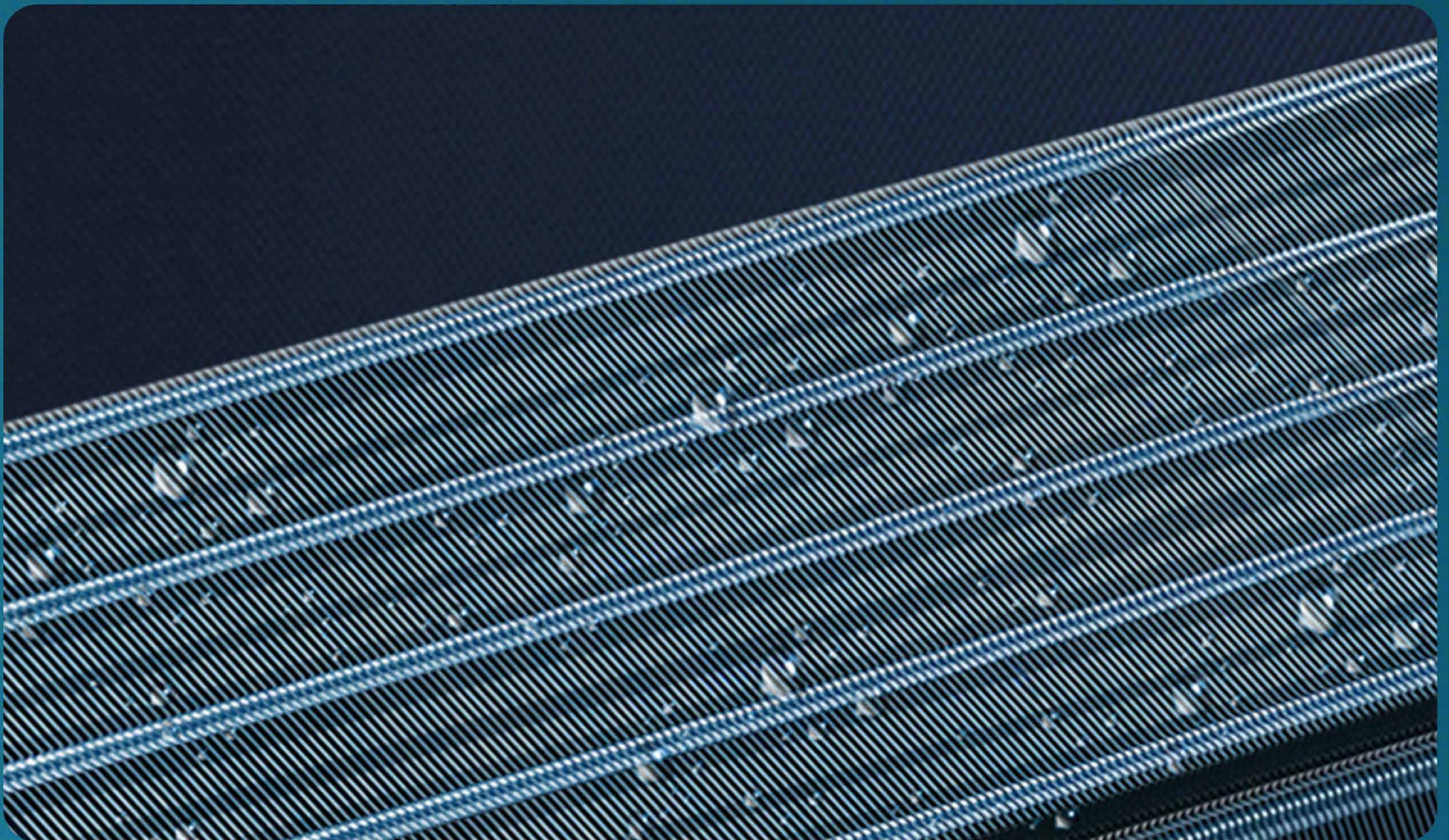
Design by Japan R&D

[www.iqairconditioners.co.za](http://www.iqairconditioners.co.za)

Upgraded Healthy Function, Fully Protect Your Health

# 4<sup>th</sup> generation of automatic washing

Technology upgrades



indoor  
unit

condensation



frost

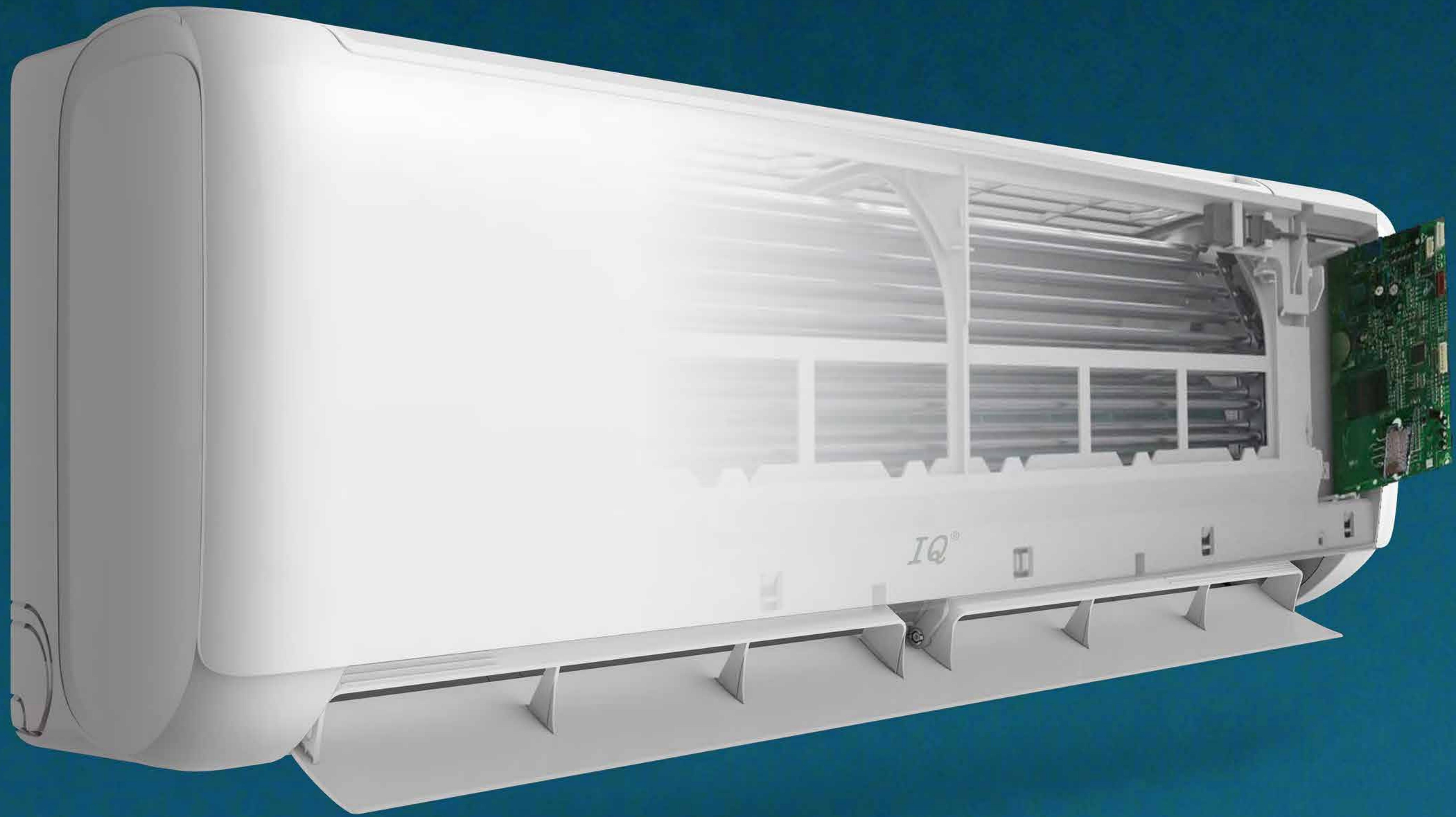


high temp



57°C sterilization





## Directly Install PCB

Adaptive 9K~24K

The motherboard is easy to disassemble and assemble: the motherboard can be disassembled without removing the middle frame, which is convenient to disassemble and assemble, and the maintenance efficiency is improved by

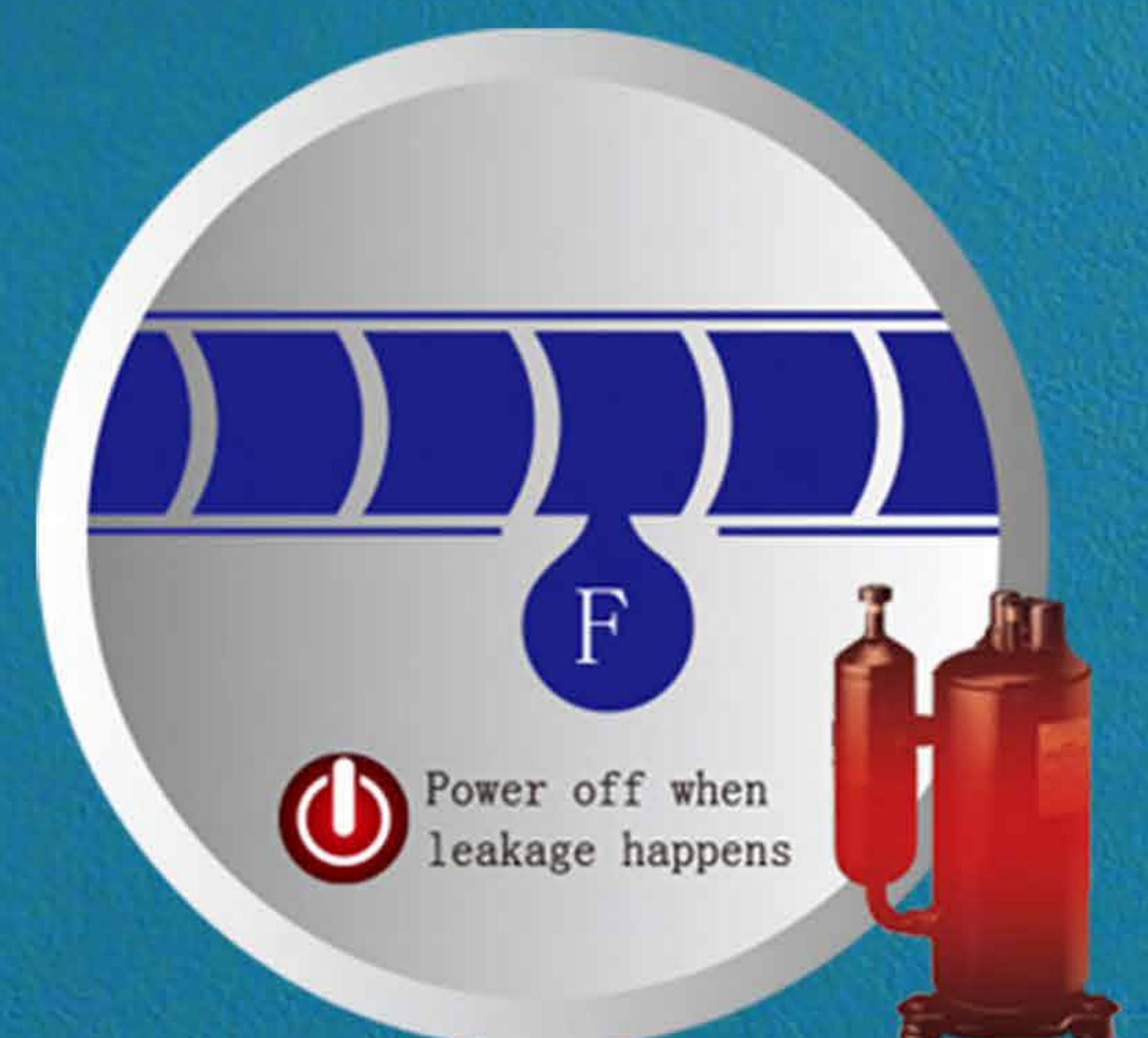
# 50%

## Automatic fluorine collection

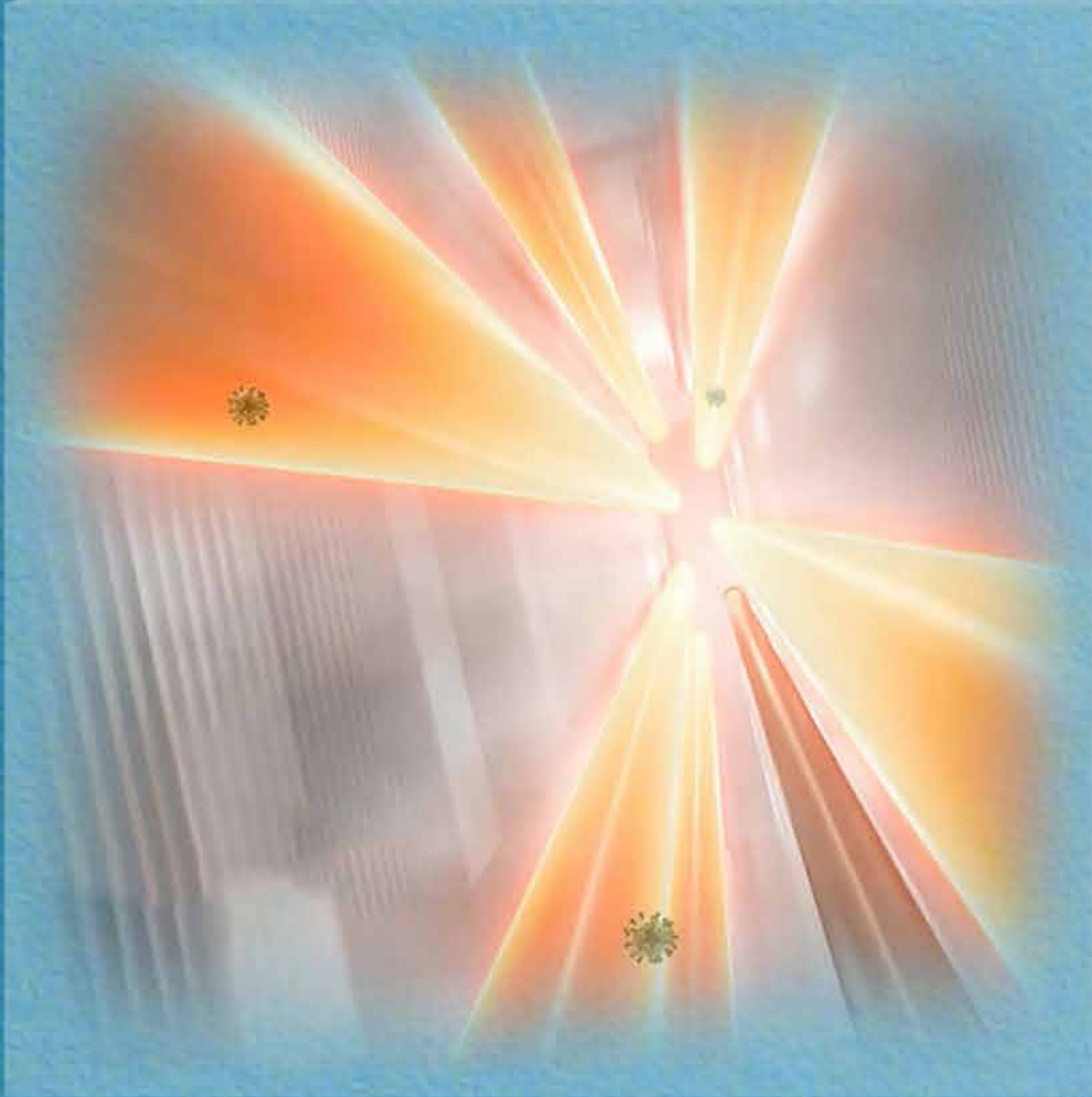


## Fluoride leakage protection

It can monitor the leakage of Freon. When leakage occurs, the control system will immediately shut down so as to protect core components such as compressors from damage.



# IQ<sup>®</sup>



## High temperature sterilization at 57 °C

The evaporator tube temperature maintains a high temperature of 57 °C and lasts for a period of time to ensure the sterilization effect.

### IQ PRODUCT SPECIFICATION SHEET

IQ Room Air Conditioner Items		Unit	IQ-H12U4/QCR1D1-ZA	IQ-H18U4/QCR1D1-ZA	IQ-H24U4/QCR1D1-ZA	
Nameplate Parameter	Rated Capacity	Cooling	kW	0.8-4.1	1.3-5.8	1.8-6.6
		Heating	kW	1-4.2	1.3-6.0	1.8-7.2
	Rated Power Consumption	Cooling	kW	0.1-1.35	0.5-2.2	0.4-2.3
		Heating	kW	0.3-1.35	0.5-2.2	0.4-2.4
	Rated Running Current	Cooling	A	0.7-6.5	2.3-10	1.7-10.5
		Heating	A	1.5-6.5	2.3-10	1.7-11
	Max. Input Power	W	1450	2300	3600	
	Max. Input Current	A	7	10.5	16	
	EER Cooling	W/W	3.05	3	3.17	
	COP Heating	W/W	3.32	3.15	3.4	
	Power supply source	V/Ph/Hz	220-240V-1-50Hz	220-240V-1-50Hz	220-240V-1-50Hz	
	Refrigerant		R410A	R410A	R410A	
	Refrigerant Charged	g	960	1300	1560	
	Max. Discharge Pressure	Mpa	4.15	4.15	4.15	
	Max. Suction Pressure	Mpa	1.15	1.15	1.15	
	Air Flow Volume	m <sup>3</sup> /h	650	1000	1200	
	Noise level	dB (A)	≤42	≤48	≤48	
	Noise level	dB (A)	≤51	≤56	≤57	
	Indoor unit weight	Kg	10	14	16	
	Outdoor unit weight	Kg	28	35	54	
Dimension	Net Dimension (WidthxDepthxHeight)	mm	850×300×198	970×315×235	1100×330×235	
	Packing Dimension (WidthxDepthxHeight)	mm	920×370×282	1047×385×317	1180×400×317	
Stop Valve	Liquid Valve	Inch	1/4	1/4	1/4	
	Gas Valve	Inch	3/8	1/2	5/8	
Dimension	Net Dimension (WidthxDepthxHeight)	mm	730×545×285	800×545×315	900×700×350	
	Packing Dimension (WidthxDepthxHeight)	mm	850×620×370	920×620×400	1020×770×430	

***IQ***<sup>®</sup>

Enjoy your comfortable life

**-15°C Cooling**

Low temp. cooling



## **AERODYNAMIC MICRO-ARC DEFLECTOR**

Coolness reaching every corner of the room as far as 15 meters , being more comfortable



Cooling

30s

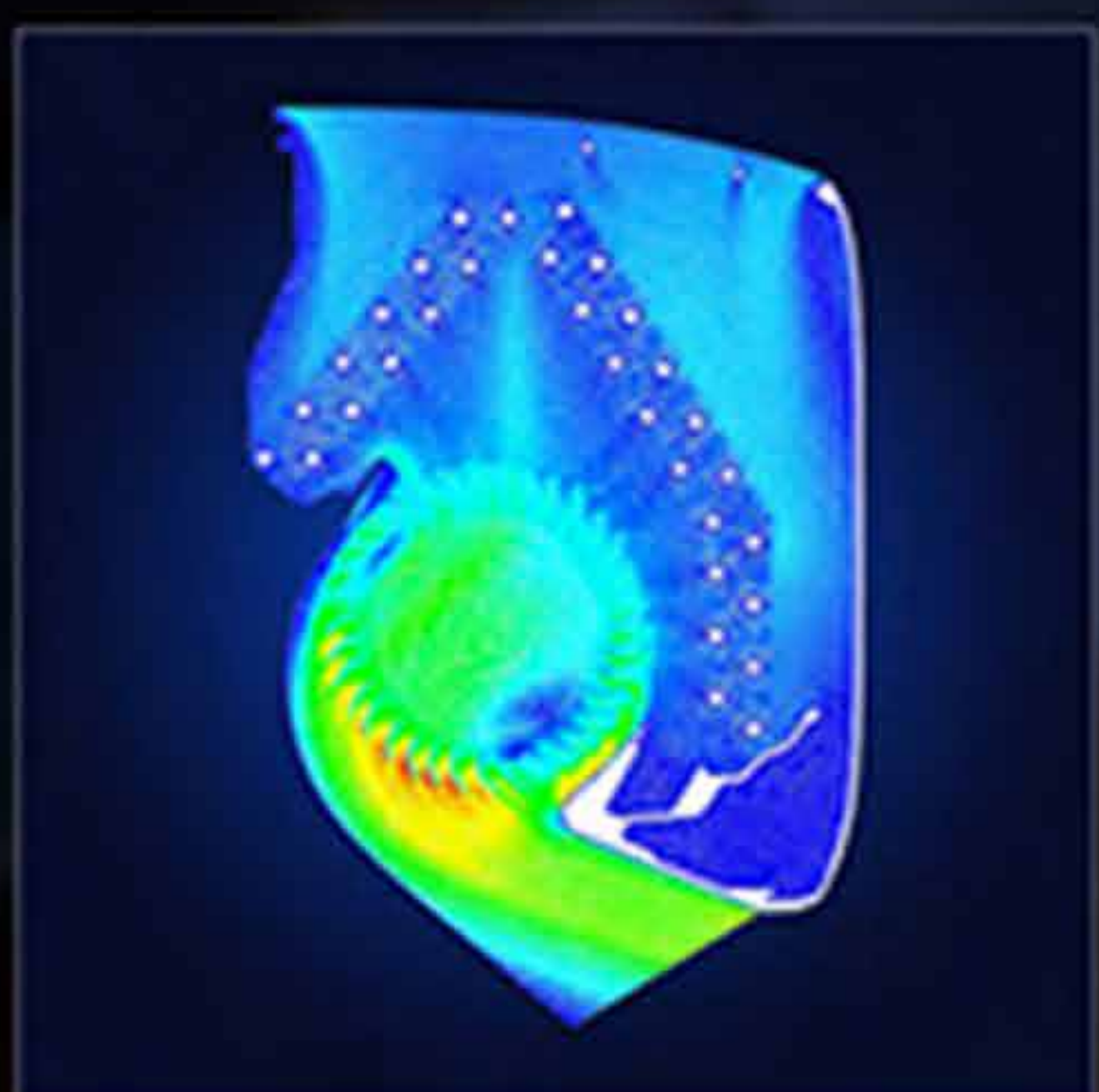
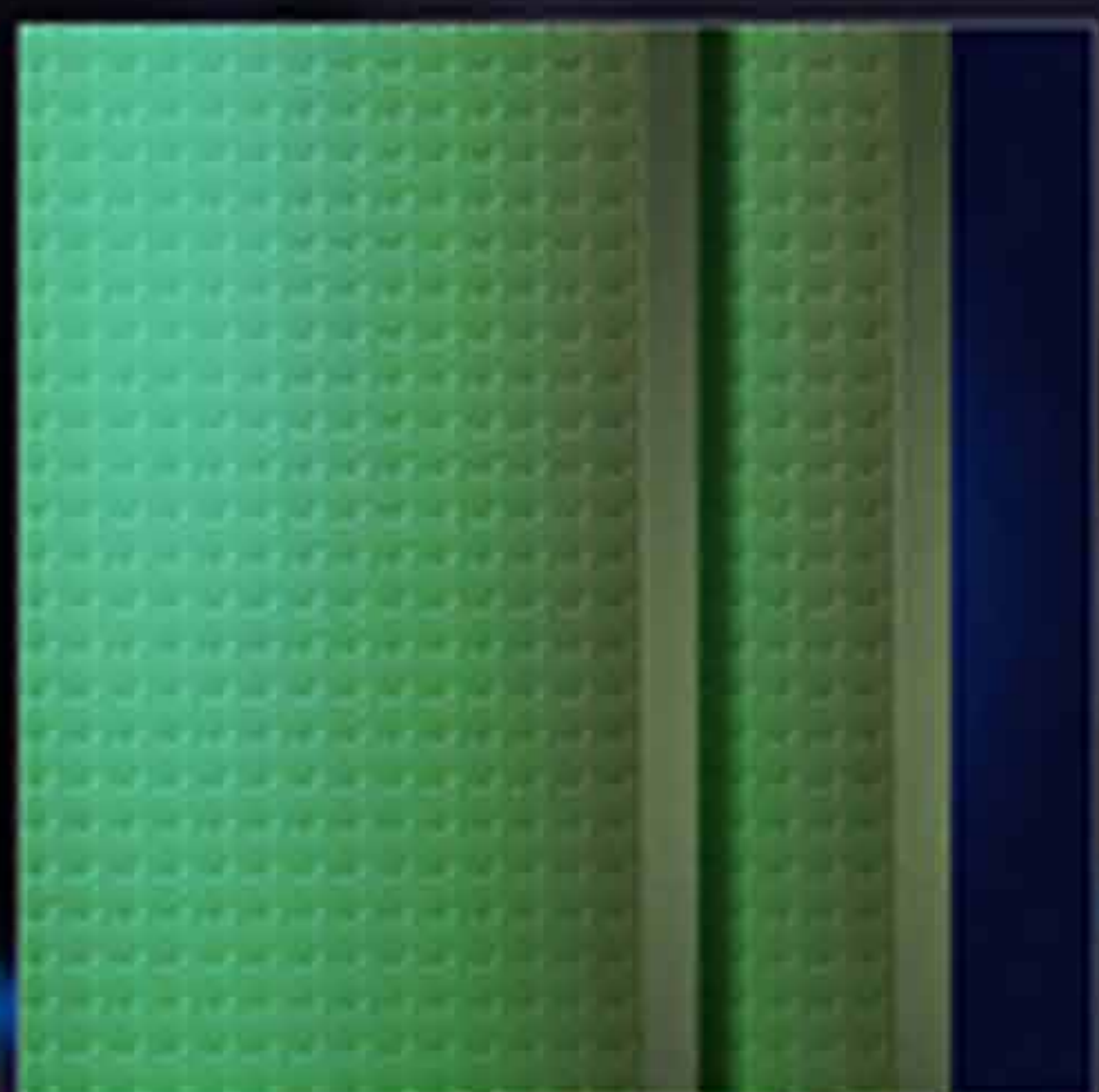
Heating

60s



High Quality  
Compressor

ULTRA-SILENCE FOR  
BETTER SLEEPING



**Independent dehumidification  
dry and comfortable**



# Smarter control, More Energy-saving

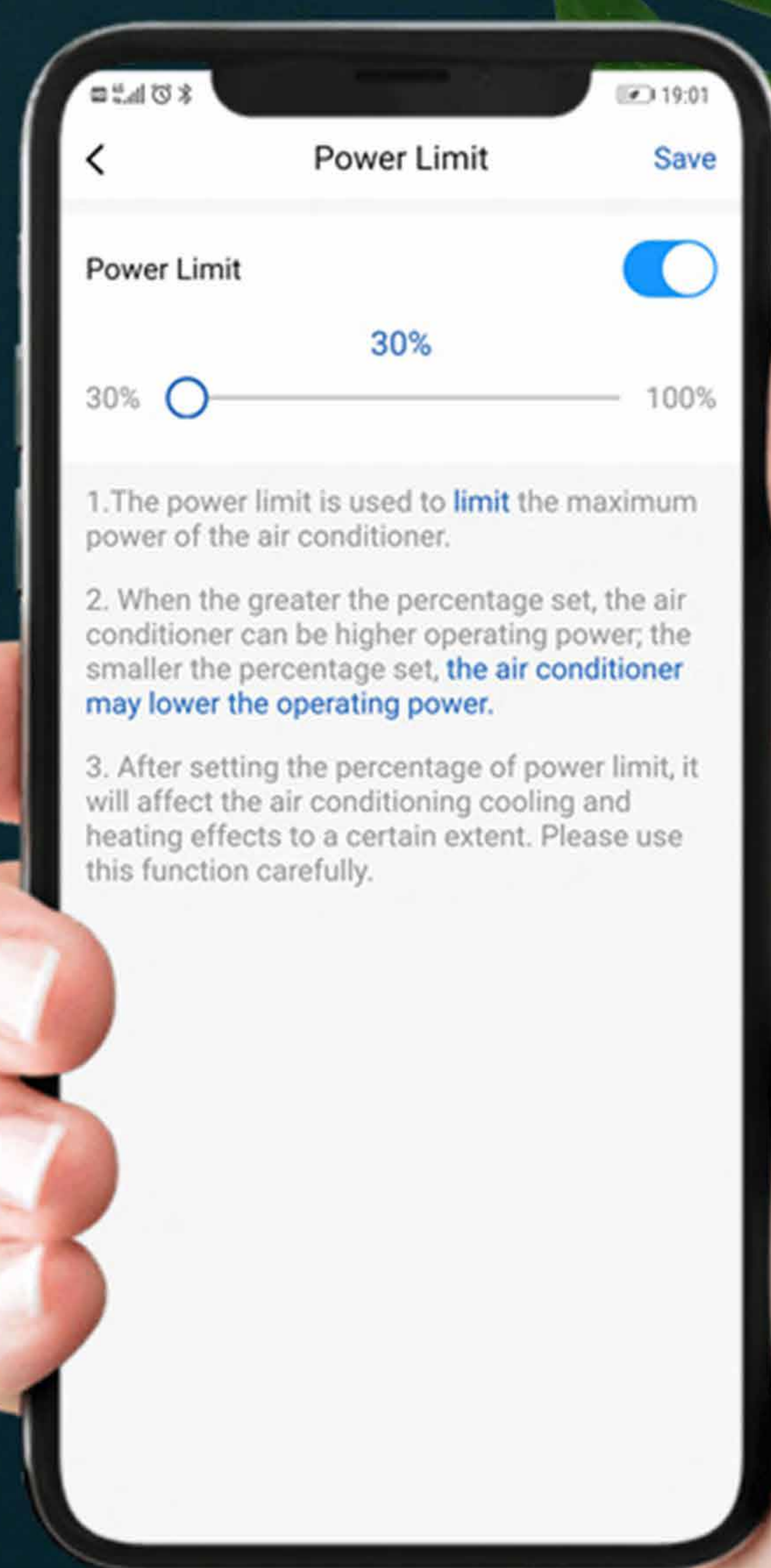
## 0.3W stand by

With newly designed PCB, the 0.3W Standby mode enables IQ products to cut energy consumption from 4-5W to 0.3W, compared with conventional air conditioners.



## Intelligent Power Consumption

Users can set the expected power consumption and power consumption mode for a period of time in the APP, and the air conditioner will automatically adjust the power consumption after it is turned on; After setting, the air conditioner will execute according to the above objectives, adopting intelligent control algorithm, reasonable cold output.



1. The power limit is used to **limit** the maximum power of the air conditioner.
2. When the greater the percentage set, the air conditioner can be higher operating power; the smaller the percentage set, **the air conditioner may lower the operating power.**
3. After setting the percentage of power limit, it will affect the air conditioning cooling and heating effects to a certain extent. Please use this function carefully.